

10/10/94

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SEARCH REQUEST FORM

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Edward Hart

Technical Info. Specialist

STIC/Biotech

CMI 6B02 Tel 305-920

Requester's Full Name: Richard SCHWIZER Examiner #: 76557 Date: 11/5/03
 An Unit: 1635 Phone Number 306-5441 Serial Number 09/627,787
 Mail Box and Bldg/Room Location _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

 Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

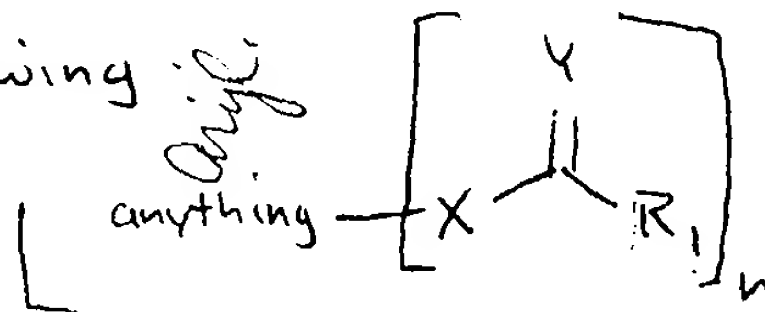
Title of Invention: Conjugates and Processes for their preparation

Inventors (please provide full names): Eugen Uhlmann, Beate Greiner, Eberhard Unger,
Gisela Gothe, Marc Schworbel

Earliest Priority Filing Date: 7/28/94

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Please search the following:



X = O or N

Y = O, S or NH-R₂

R₂ = C₁-C₁₈ alkyl

straight chain or
branched, saturated
or unsaturated.

n ≥ 1

Text search the hits for ^{phen?} ^{bi} ~~phenyl~~, pyridin?, pyrimidin?,
 aryl, pyrrol?, furan?, thiophen?, lacton?, spirolacton?, benzoquinon?, aromatic,
 cyclohexyldien?, or cyclohexen? (Please 'or' all these terms)

Text search these hits for (carrier or oligonucleotide, or nucleotide or nucleoside
 or nucleic or polynucle? or polypeptide or peptide or protein or saccharide or
 polysaccharide or mono saccharide)

Please call me with any questions 306-5441

(Strug) (U) (L) (??)

with co

(Strug) (U) (L) (??)

C. Chan
 Rush

FILE 'MEDLINE' ENTERED AT 06:31:52 ON 05 NOV 2003

L1 28 SEA PLU=ON ANTISENSE AND LIPOSOME AND TUMOR AND
HUMAN AND
VIVO AND MOUSE
D TI 1-28
D BIB 10-28
L2 7 SEA PLU=ON L1 AND ANTISENSE OLIGONUCLEOTIDE
D BIB 1-7
D KWIC 5-7

FILE 'CAPLUS, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH' ENTERED AT
06:44:07
ON 05 NOV 2003

L3 46 SEA PLU=ON L2
L4 30 DUP REM L3 (16 DUPLICATES REMOVED)
D BIB 15-30

(FILE 'HOME' ENTERED AT 08:40:52 ON 05 NOV 2003)

FILE 'MEDLINE' ENTERED AT 08:40:58 ON 05 NOV 2003

L1 3 SEA PLU=ON ESTERASE AND NUCLEASE AND CELL AND ASSAY
D BIB AB 1-3

FILE 'CAPLUS, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH' ENTERED AT
08:42:10
ON 05 NOV 2003

L2 17 SEA PLU=ON L1
L3 14 DUP REM L2 (3 DUPLICATES REMOVED)
D BIB AB 7-14

S #

Updt

Database

Query

Time

Comment

S9713

U

USPT

(aryl

nucleic and (liposome and (lipid same hydrophobic same
or aromatic))))

2003-11-12
07:26:29

S9712

U			
USPT			
	liposome and (lipid same hydrophobic same (aryl or aromatic))		
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		07:26:19	
S9711			
U			
USPT			
	liposome and (hydrophobic same (aryl or aromatic))		
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S9710			
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S9708			
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USPT			
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S9707			
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USPT			
	linker same thioamide		
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USPT			
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S9705			
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USPT			
	linker same (carbonyl or thioamide)		

2003-11-12
06:53:26

S9144			
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USPT			
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S9140			
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S9139			
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	(schact and seymore and ulbrich).in.		
		2003-10-07 14:34:53	
S9138			
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DWPI			
	("carrier systems for delivery of nucleic acid material to target cells in		
biological	systems").ti.		
		2003-10-07 14:33:57	
S9137			
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	5102973.pn.		
		2003-10-07 14:09:53	
S9136			

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S9134		
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EPAB,DWPI		
wo-9955383-		
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S9131		
U		
EPAB,DWPI		
CUTHBERTSON.in. and solbakken.in.		
		2003-10-07 13:30:23